Imagine. Roland®

Enter the Metallic world

The VS Family

Use metallic ink for stylish, luxurious and eye-catching prints

Imagine what metallic and white ink can do for your business… Just combine these colours with CMYK to create over 500 metallic tints. These tints give your standard print and cut jobs a luxurious and eye-catching look. Bet your clients will love it!

The VersaCAMM VS breaks boundaries. For the first time in history, metallic and white digital printing is possible with one fluent and easy workflow.

It's a matter of making your choice

Choose the printer/cutter that fits your company best! The VersaCAMM VS family is available in four widths and three ink configurations. You decide which combination you prefer.

- Media widths:

VersaCAMM VS-640

VS-640 = 163cm

VersaCAMM VS-540

VS-540 = 137cm

VersaCAMM VS-420

VS-420 =107cm

VersaCAMM VS-300

VS-300 = 76cm

- Ink configurations:

8 Colors

CMYK, light cyan, light magenta, white and metallic for the widest range of applications

6 Colors

CMYK, light cyan, light magenta for flawless skin tones and beautiful pastel colours

4 Double CMYK

Double CMYK for high speed production

Superb metallic printing

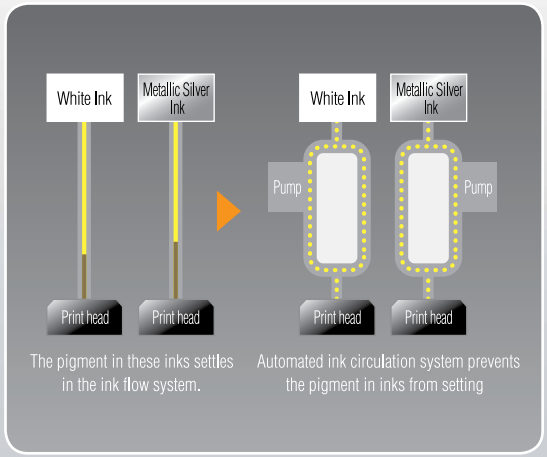
The VersaCAMM VS printers/cutters create beautiful metallic graphics. Select the new 'layered printing mode' in the software for the most powerful metallic colours ever. In this mode, the metallic ink is printed on the bottom and the colours are printed on top. This results in truly magnificent metallic shades.

Innovative, easy and beautiful

The VersaCAMM VS features a newly developed golden print head. This head was especially developed for an even better print quality. You now have one print head for all the colours. Seven different drop sizes guarantee the best print quality for every job.

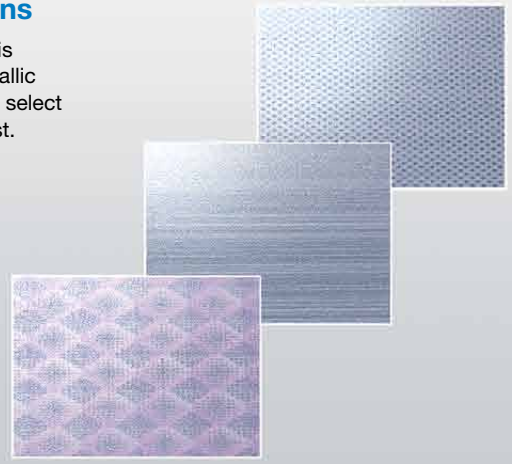
The VS is also very easy to maintain thanks to the automated ink circulation system for white and metallic inks. This system prevents pigments from settling.

When you choose for the VS, you choose for a solid machine that is beautifully designed. You can easily place it in your office or showroom since the Eco-Sol MAX inks don't require an exhaust system.



Easy creation of metallic patterns

All Roland printers come with VersaWorks. This software offers you the possibility to print metallic patterns. There are 25 patterns available. Just select the one you like and the software does the rest. Creating special effects is piece of cake!



512 metallic colours

VersaWorks features a library of 512 metallic colours. Just select the colours you like and wait a minute to see the truly magnificent result rolling out your printer.

Efficiency rules

The VersaCAMM VS machines are highly efficient since they combine printing and cutting in one device. Imagine the ease of starting a task in the evening and finding it completely printed and cut in the morning. But there's more! With this unique 2-in-1 solution, you no longer need to reposition your prints in a separate cutting plotter. This saves you a lot of time and guards you from mistakes.

Trust the online "production assistant"

VersaWorks features "Roland OnSupport". This online support system allows you to remotely monitor your machine's activities. The system sends e-mail notifications with important production information. The system informs you for instance when your print job is ready or when the ink is almost empty. With Roland OnSupport, you have complete freedom to leave your printer unattended and focus on other jobs.

Unlimited range of applications

Use the VersaCAMM VS to make exceptional posters, stickers, textile transfers, signs, banners, labels, displays and much more. If you can imagine it, you can make it!

Specifications		VS-640	VS-540	VS-420	VS-300
Printing technology		Piezoelectric inkjet			
Media	Width	210 to 1625 mm	210 to 1372 mm	182 to 1071 mm	182 to 762 mm
	Thickness	Maximum 1.0 mm with liner for printing			
		Maximum 0.4 mm with liner and 0.22mm without liner for cutting			
	Roll outer diameter	Maximum 210 mm			
	Roll weight	Maximum 40 kg	Maximum 30 kg	Maximum 25 kg	Maximum 25 kg
	Core diameter *1	76.2 mm or 50.8 mm			
Printing/cutting width *2		Maximum 1600 mm	Maximum 1346 mm	Maximum 1046 mm	Maximum 736 mm
Ink cartridges	Type	Roland ECO-SOL MAX ink			
	Capacity	220 cc or 440 cc			
	Colours	Eight colours (cyan, magenta, yellow, black, light cyan, light magenta, metallic silver and white), six colours (cyan, magenta, yellow, black, light cyan, and light magenta), or four colours (cyan, magenta, yellow, and black)			
Printing resolution (dots per inch)		Maximum 1440 dpi			
Cutting speed		10 to 300 mm/s			
Blade force		30 to 300 gf			
Blade offset		0 to 1.5 mm			
Software resolution (when cutting)		0.025 mm/step			
Distance accuracy (when printing) *3 *4		Error of less than ±0.3% of distance travelled, or ±0.3 mm, whichever is greater			
Distance accuracy (when cutting) *3		Error of less than ±0.4% of distance travelled, or ±0.3 mm, whichever is greater			
		When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made): Error of less than ±0.2% of distance travelled, or ±0.1 mm, whichever is greater			
Repeatability (when cutting) *3 *5		±0.1 mm or less			
Alignment accuracy for printing and cutting *3 *6		±0.5 mm or less			
Alignment accuracy for printing and cutting when reloading media *3 *7		Error of less than ±0.5% of distance travelled, or ±3 mm, whichever is greater			
Media heating system *8	Print heater	Setting range for the preset temperature: 30 to 45°C			
	Dryer	Setting range for the preset temperature: 30 to 50°C			
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)			
Power-saving function		Automatic sleep feature			
Power requirements		AC 100 to 120 V ±10%, 8.2A, 50/60 Hz or	AC 100 to 120 V ±10%, 7.9A, 50/60 Hz or	AC 100 to 120 V ±10%, 7.2A, 50/60 Hz or	AC 100 to 120 V ±10%, 5.6A, 50/60 Hz or
		AC 220 to 240 V ±10%, 4.2A, 50/60 Hz	AC 220 to 240 V ±10%, 4.0A, 50/60 Hz	AC 220 to 240 V ±10%, 3.7A, 50/60 Hz	AC 220 to 240 V ±10%, 2.9A, 50/60 Hz
Power consumption	During operation	Approx. 1080 W	Approx. 1050 W	Approx. 960 W	Approx. 740 W
	Sleep mode	Approx. 14.8 W	Approx. 14.4 W	Approx. 14.5 W	Approx. 14.4 W
Acoustic noise level	During operation	64 dB (A) or less			
	During standby	41 dB (A) or less			
Environmental	Power on	Temperature: 15 to 32°C [20°C or more recommended], Humidity: 35 to 80%RH (no condensing)			
	Power off	Temperature: 5 to 40°C, humidity: 20 to 80%RH (no condensing)			
Dimensions (with stand)		2575 (W) x 705 (D) x 1105 (H) mm	2315 (W) x 705 (D) x 1105 (H) mm	2015 (W) x 705 (D) x 1105 (H) mm	1705 (W) x 705 (D) x 1105 (H) mm
Weight (with stand)		130 kg	120 kg	105 kg	90 kg
Included items		Stand, power cord, blade, blade holder, media clamps, media holder, replacement blade for separating knife, software RIP, user's manual, etc.			

*1 The media holder of this machine is exclusively for media with a paper tube core inner diameter of 3 inches. To use a 2 inch media core, please use the optionally available media flanges.
*2 The length of printing or cutting is subject to the limitations of the program.
*3 Using Roland specified media, loaded correctly, temperature: 25°C, humidity: 50 %RH, all pinch rollers are used, 25 mm or more for both right and left margins and 35 mm or more front margin, excluding expansion or contraction of the media. and all correction and adjustment functions of this machine have been made properly. Not assured when the print heater or dryer is used.
*4 Using Roland specified media, print travel of 1m
*5 [PREFEED] menu item must be set to ""ENABLE,"" 64-inch and 54-inch models, media over 610 mm wide, and 4000 mm long. Media 610 mm wide or less and 8000 mm long. 42-inch and 30-inch models, 3000 mm long.
*6 Provided that media length is under 3000 mm. Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media.
*7 Using Roland specified media, 64-inch and 54-inch models: data size: 1000 mm in the media-feed direction, 1600 mm in the carriage-movement direction. 42-inch model: data size: 1000 mm in the media-feed direction, 1346 mm in the carriage-movement direction. 30-inch model: data size: 1000 mm in the media-feed direction, 736 mm in the carriage-movement direction. No lamination. Automatic detection of crop marks at 4 points when media is reloaded. During cutting, [PREFEED] menu item must be set to ""ENABLE."" Excludes the effects of slanted movement and of expansion and contraction of the media.
*8 Warm-up is required after powerup. This may require 5 to 20 minutes, depending on the operating environment. The preset temperature may fail to be reached depending on the ambient temperature and media width.

Roland VersaWorks System Requirements	
Operating system	Windows® 7 Professional or Ultimate (32-bit); Windows Vista® Business/Ultimate Service Pack 1 (32-bit); Windows Vista® Business/Ultimate (32-bit); Windows® XP Professional Service Pack 2 or later; or Windows® 2000 Service Pack 4
CPU	Core™2 Duo, 2.0 GHz or faster recommended
RAM	1 GB or more recommended (Windows 7 and Vista: 2 GB or more recommended)
Video card and monitor	A resolution of 1280 x 1024 resolution or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

Application software
Adobe® Illustrator® 10, CS, CS2, CS3
CorelDRAW® 11, 12, X3

Options	Model	Description
ECO-SOL MAX ink	ESL3-4MG	Magenta, 440cc
	ESL3-4YE	Yellow, 440cc
	ESL3-4CY	Cyan, 440cc
	ESL3-4BK	Black, 440cc
	ESL3-4LC	Light cyan, 440cc
	ESL3-4LM	Light magenta, 440cc
	ESL3-MG	Magenta, 220cc
	ESL3-YE	Yellow, 220cc
	ESL3-CY	Cyan, 220cc
	ESL3-BK	Black, 220cc
	ESL3-LC	Light cyan, 220cc
	ESL3-LM	Light magenta, 220cc
	ESL3-MT	Metallic silver, 220cc
	ESL3-WH	White, 220cc
Cleaning cartridge	SL-CL	Cleaning liquid, 1 pc.
Blades	ZEC-A3050	Ideal to cut flock and sandblast, 5 pieces
	ZEC-A5025	Ideal to cut thicker materials and small characters, 3 pieces
Blade Holders	XD-CH2	Blade holder with blade extension adjuster, made of aluminum
Automated take-up system	TU2-64/54/42/30	For VS-640/54/420/300, rolls up to 30kg
	TUC-2	Controller for TU2-64/54/42/30 take-up system

*The glossiness of metallic colours depends on the media used. For best results, produce a test print on each substrate before production.

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